

WARGM SOUTH SITE

BUILDING LISTS & COMPONENT  
SHEETS



8-11-89

LIST OF BOX FILES STORED IN PLAN ROOM FROM D.OD.O. 01

- 1, DRAWING REGISTER 5000-5719
- 2, " " 7200 - ONWARDS.
- 3, " DESTINATION LIST
- 4, SKETCH REGISTER
- 5, " DESTINATION LIST.
- 6, LIST MISSING DRAWINGS.
- 7, LIST MISSING SKETCHES
- 8, LIST MISSING SPECIFICATIONS.
- 9, LIST MISSING BUILDING DRAWINGS. SOUTH SITE
- 10, LIST MISSING BUILDING DRAWINGS N. SITE.
- 11, LIST TO NORTH SITE

D.O. 02

- 1, DRAWING ALLOCATION WORKING FILE RARDE
- 2, " " " " R.O
- 3, DOCUMENTS ETC FOR R.O. SUMMER FIELD.
- 4, LIST METAL CABINETS " " "
- 5, KEY PERSONNE R.O (WA) CLOSURE

D.O. 03

- 1, FIRE HYDRANT RETURNS (SEE D.O. 04)
- 2, VERNON MORRIS
- 3, TECHNICAL FIRE PRECAUTIONS NOTE NO 9
- 4, " " " " 21
- 5, ESTC/220 / LEAFLET NO 9
- 6, D/ESTC/10 / LEAFLET NO 9 (SUPPLEMENT NO 1.)

D.O. 04 (CARD FILE)

- 1, HYDRANT RECORD CARDS.



9-11-89

## LIST OF BOX FILES STORED IN PLAN ROOM FROM D.O.

D.O. 05

1. LOGGED SAFETY INFORMATION E1 TO E24

D.O. 06

1. LOGGED SAFETY AUDITS / MEMO'S / MINUTES ETC. E1 TO E70

D.O. 07

WORKING FILE / SAFETY AUDITS / MISC INF.

D.O. 08

1. WORKING FILE / SELF DRAINING SHOWERS
2. MIRA LITERATURE

D.O. 09 COSHH

1. HSE GUIDANCE NOTE EH 40 / 89
2. BP.OIL. GUIDANCE NOTES
3. CRONERS RECORD SHEETS COPY
4. 4444 / 4445 SURVEY DATA
5. RETURNED INFORMATION RE: SUBSTANCES.

D.O. 10

1. WORKING FILE - LEGIONELLA PROTECTION
2. DIP SLIDE TEST PROGRAMME
3. LOCATION PRINT OUT



LIST OF BOX FILES STORED IN PLAN ROOM FROM D.O.D.O. 11

- 1, ORDNANCE SURVEY - CENTER OF SITE
- 2, SURVEY BY 'TRIVERS MORGAN'
- 3, BOUNDARY MAP.
- 4, TENANCY AGREEMENT (FIELDS OUTSIDE PERI-FENCE)
- 5, BUILDING AREAS
- 6, BUILDING LIST 1972
- 7, EMERGENCY CALL-OUT LIST JUNE 1985.

D.O. 12

- 1, GILTSPUR 1986-1987 CIVIL
- 2, " " - " HEATING & VENTILATION.
- 3, " 1987-1988 CIVIL
- 4, INVOICE COPIES GILTSPUR
- 5, GILTSPUR 1985-1986
- 6, GILTSPUR MISC 1989.

D.O. 13

- 1, STAR FORM CALCULATIONS
- 2, RO STANDARD NO L60
- 3, METRIC 'O' RINGS (TOROIDAL)
- 4, SUCCESSION PLANNING REPORT
- 5, 'K' ROUND INFORMATION.
- 6, 'K' ROUND MATL DIN 1629 / 2391 PT1 & PT2.
- 7, WELDING BS 499 PT2.
- 8, GUARDING HORIZONTAL MILLING M/C'S
- 9, CIVIL DO SPEC NO 1972
- 10, MECH D.O SPEC NO 1970
- 11, LOCTITE LITERATURE
- 12, DEF STD 05-10/3 (SEE LATER AQUAP)
- 13, ESTC NO 7 (ELECTRICAL)
- 14, RO STD. L60 (ELECTRICAL)



LIST OF BOX FILES STORED IN PLAN ROOM FROM D.O.D.O 14

- 1, M.D.O. ORDER FILE
- 2, LONSDALE CAT (D.O. EQUIP/OFFICE EQUIP)
- 3, HELLERMAN CAT (D.O. EQUIP)
- 4, GED. LT
- 5, LONTEC. LT

D.O 15

- 1, PLANNING PERMISSION FOR AN OFFICE NEAR M343
- 2, PLANNING PERMISSION FOR AN OFFICE NEAR N514 (N521)
- 3, FOLDER PLANNING PERMISSION FORMS.
- 4, PLANNING PERMISSION. NS28 / R645 / R805 /
- 5, FOLDER RE WESTCOTT.

D.O 16

- 1, LONSDALE 1986-1987
- 2, " 1987-1988
- 3, " 1985

D.O 17

- 1, FAIRHURST & PARTNERS DE-CON FOLDER
- 2, GED REPORT ON 1987 FLOODING,
- 3, DE-CON FILE R0 DRAFT 1986  
BS. CODE OF PRACTICE FOR CONTAMINATED LAND DD.75
- 4, QUINTON ASBESTOS NOTES

D.O. 18 (CARD FILE)

A TO Z ADDRESSES VARIOU,



ROYAL ORDNANCE WALTHAM ABBEY

EXPLOSIVE CONTAMINATED BUILDINGS

KEY ACTIVITIES

Phase 1	Closure
Phase 2	Assemble information
Phase 3	Define procedures
Phase 4	Non structural decontamination
Phase 5	Structural decontamination
Phase 6	Remove Mound
Phase 7	Demolish building
Phase 8	Certification

STATUS 33.08.91

Bldg No	Usage	Phase Complete								RARDE *	
		1	2	3	4	5	6	7	8		
Deri 1	NG Wash House	23.06.89	10.07.90	26.07.90							
Deri 2	NG Dry Mixing Hse	26.06.89	11.07.90	10.08.90							
G418	Polymerisation Plant	14.11.90	12.10.90	02.01.91							
G430	Process Building	29.06.90	27.09.90	01.10.90							
G432	Laboratories & Offices	23.07.91	30.11.90	02.01.91							* (shared)
G433	Locker Magazine	29.07.91	02.11.90	14.11.90							*
G459	Laundry	01.05.90	20.07.90	30.07.90							
M320	Preparation Shed	11.05.89	22.10.90	23.10.90							
M321	Expense Magazine	11.05.89	26.09.90	26.09.90							
M322	Firing Point	11.05.89	26.09.90	26.09.90							
M325	Expense Magazine for M343	02.11.89	03.08.90	10.08.90							
M326	Gunpowder Magazine	06.11.89	27.09.90	01.10.90							
M338	10 lb Explosive Facility	31.08.90	24.09.90	25.09.90							
M342	Charge Machining	26.06.90	10.10.90	10.10.90							
M343N	Explos Composition & Hazard Assessment	29.03.90	13.09.90	14.09.90							
M343S	Ballistic Assessment	29.03.90	14.09.90	17.09.90							
M344	Shatter Test	29.03.90	02.08.90	09.08.90							
M345	Ballistic assessment Firing Chamber	29.03.90	10.09.90	13.09.90							
M348	Storage of Explos	06.06.90	04.06.90	05.06.90							
M350	Spigot Drop Test	29.06.90	11.09.90	14.09.90							
M351	Derelict	25.05.89	09.07.90	26.07.90							
M353	Explosive Store	30.08.91	25.09.90	26.09.90							
M355	Locker Magazine	16.05.89	01.08.90	10.08.90							
M357	Storage & Explosives Magazine	29.03.90	06.08.90	10.08.90							



Bldg No	Usage	Phase Complete								RARDE *
		1	2	3	4	5	6	7	8	
N500	Magazine	08.01.90	27.06.90	25.07.90						
N514	Explos Processing	19.12.89	29.06.90	25.07.90						
N530	Explos Nitration House	06.09.89	12.04.90	30.04.90						
N531	RDX Boiling House	07.09.89	12.04.90	30.4.90						
N532	Magazine	07.09.89	17.04.90	30.4.90						
N533	Control Room	27.07.90	07.08.90	24.08.90						
N534	Haz Chemicals	31.08.90	08.08.90	24.08.90						
N535	Micronising House	20.06.89	20.04.90	30.4.90						
N536	Explosive Small Scale Plant	13.09.89	20.04.90	30.04.90						
N537	Explosive Small Scale Plant	31.08.90	23.08.90	24.08.90						
N538	Vacuum Plant Room	24.07.90	11.09.90	14.09.90						
N539	Small Scale Explos	31.08.90	06.09.90	07.09.90						
N540	Explos Drying Plant	11.10.89	20.04.90	30.04.90						
N545	Magazine	19.12.89	16.07.90	27.07.90						
N547	Magazine	06.06.90	04.07.90	27.07.90						
N548	Dry Mixing House	24.04.90	29.05.90	31.05.90						
N549	Wet Mixing and NC Extraction House	04.05.90	23.05.90	25.05.90						
N550	CTPB Prop Plant	20.12.89	18.07.90	01.08.90						
N553	Charge Curing	04 01.90	03.05.90	07.05.90						
N554	CIPB Prop Prep Room & Ovens	10.05.90	17.07.90	30.07.90						
N556	Experimental Proc	19.12.89	04.05.90	08.05.90						
N557	NG Extraction	20.07.89	18.05.90	31.05.90						
N562	EM Offices & Labs	14.05.90	26.06.90	25.07.90						
N564	Annexe Tube Prep and Photographic	03.11.89	03.07.90	25.07.90						
N567	Experimental Processing & Lab	21.11.89	09.05.90	10.05.90						
N568	Process Store	14.05.90	02.07.90	25.07.90						
N569	X-Ray Examination	06.06.90	05.07.90	27.07.90						
N570	Cube Cracking Ovens	21.11.89	29.06.90	25.07.90						
N572	Experimental Processing	10.05.90	01.06.90	04.06.90						
N573	Non Standard Propellants	17.05.89	15.10.90	19.10.90						
N574	NG Wash Water Settling	10.05.90	25.06.90	24.07.90						

Bldg No	Usage	Phase Complete								RARDE *
		1	2	3	4	5	6	7	8	
N579	Casting Liquid Mag	19.12.89	02.05.90	04.05.90						
N581	Waste Cordite Mag	08.01.90	13.07.90	26.07.90						
N584	Locker Magazine	21.06.89	06.07.90	26.07.90						
N586	Non Standard Prop	16.05.89	12.07.90	26.07.90						
P702	Small Store	17.11.89	26.07.90	09.08.90						
P703	Cordite Store		19.11.90	18.12.90						
P704	Cordite Inspection	01.12.89	18.09.90	21.09.90						
P705	Cordite Rolling	25.04.90	13.09.90	13.09.90						
P706	Vertical Press	01.05.90	05.09.90	06.09.90						
P708*	Sample Store		20.11.90	18.12.90						
P710	In Process Store	01.12.89	14.09.90	17.09.90						
P712	Truck Drying		14.11.90	18.12.90						
P713*	Sieving House		08.05.90	10.05.90						
P714	Charge Machining	24.01.90	14.09.90	17.09.90						
P715	Cordite Small Scale	14.11.89	26.06.90	24.07.90						
P716	Horizontal Press	27.07.90	21.09.90	21.09.90						
P717	Cordite Incorporation	25.04.90	22.08.90	24.08.90						
P718	Cordite Pressing	26.04.90	23.10.90	23.10.90						
P719A	Bays 1 & 2 Labs	24.04.90	19.09.90	21.09.90						
P719B	Bays 3 & 4 Tube Preparation & Non Explosive Store	24.04.90	19.09.90	21.09.90						
P719C	Bay 5, Conference Room	24.04.90	19.09.90	21.09.90						
P720	Plastic Propellant Manufacture	01.12.89	24.09.90	24.09.90						
P721A	Lab & Offices	02.05.90	16.10.90	19.10.90						
P721B	Proof Stand Assembly Post	02.05.90	12.10.90	19.10.90						
P723	Binder & Milling Bays Perchlorate	04.05.90	19.10.90	19.10.90						
P724	Plastic Propellant Press & Pugmill	21.11.89	19.10.90	19.10.90						
P725	South Site Proof Stand	20.11.89	22.10.90	23.10.90						
P727	Hot & Cold Chambers	01.12.89	22.10.90	23.10.90						
P728	Ammonium Perchlorate Ovens	20.12.89	22.10.90	23.10.90						

Bldg No	Usage	Phase Complete								RARDE *
		1	2	3	4	5	6	7	8	
✓ P729	Pressing & Extrusion of Explosives	21.11.89	22.10.90	23.10.90						
P732	Cordite CDB	02.11.89	11.05.90	21.05.90						
P733	Cordite CDB	14.11.89	11.05.90	21.05.90						
P734	Cordite CDB	14.11.89	11.05.90	22.05.90						
P735	Cordite CDB	20.10.89	11.05.90	23.05.90						
P736	Cordite CDB	20.10.89	11.10.90	11.10.90						
P737	Cordite Small Scale	20.10.89	20.09.90	20.09.90						
P738	Cordite Small Scale	20.10.89	18.09.90	18.09.90						
P739	Magazine	18.10.89	14.09.90	17.09.90						
P740	Quinan Stove Combustible Cases	06.06.90	17.09.90	17.09.90						
P741	Lead Melting & Dirty Store	30.08.91	22.11.90	18.12.90						
P742	Offices & Labs (Adhesives)	28.02.90	23.10.90	23.10.90						
P753	Small Proof Stand	15.11.89	26.07.90	06.08.90						
P755	Magazine	20.04.90	25.07.90	06.08.90						
✓ P756	Magazine	19.04.90	21.09.90	24.09.90						
P757*	Sample Lab & Offices		23.11.90	02.01.91						
P758	CTPB Propellant Manufacture	20.04.90	25.10.90	29.10.90						
P760	Magazine	20.04.90	25.07.90	06.08.90						
P762	Waste Exp Store	27.02.90	23.10.90	24.10.90						
✓ P765	Magazine	01.12.89	21.09.90	24.09.90						
P766*	Locker Magazine		21.09.90	24.09.90						
P769	Magazine	27.02.90	27.07.90	09.08.90						
✓ P770	Magazine	18.10.89	30.07.90	09.08.90						
P773	Magazine	14.11.89	08.10.90	09.10.90						
P774	Magazine	20.12.89	31.07.90	09.08.90						
R601	Weighing House	02.05.90	30.05.90	31.05.90						
R602	Explosive Mag	17.11.89	19.07.90	30.07.90						
R603	Explosive Mag	17.11.89	25.06.90	24.07.90						
R604	Explosive Store	21.05.90	28.09.90	01.10.90						
R605	Explosive Store	20.11.89	28.09.90	01.10.90						
R606	Explosive Store	21.11.89	22.01.90	26.02.90	23.03.90	05.04.90				
R607	Derelict	16.05.90	02.11.90	14.11.90						
R608	Explosive Store	21.05.90	01.10.90	01.10.90						
R610	Explosive Store	18.10.89	01.10.90	01.10.90						



Bldg No	Usage	Phase Complete								RARDE *	
		1	2	3	4	5	6	7	8		
R611	Explosive Store	21.05.90	28.09.90	01.10.90							
R612	Explosive Mag	18.10.89	20.07.90	01.08.90							
R613	CCC/Water Steeping Paper Beatings	02.03.90	15.02.90	26.02.90	29.03.90	05.04.90					
R614	Cordite Rumbling and Graphiting	26.04.90	31.05.90	25.07.90							
R615	Combustible Cases	06.06.90	02.10.90	03.10.90							
R616	Propellant Process Research	06.06.90	02.10.90	02.10.90							
R617	Explosive Store		12.11.90	19.11.90							
R618	Exp Storehouse	08.09.89	28.09.90	01.10.90							
R619	Storage of Exp	27.02.90	28.09.90	01.10.90							
R620	Explosive Store	21.05.90	29.09.90	01.10.90							
R622	Magazine	24.07.90	01.10.90	01.10.90							
R623	Magazine	27.02.90	02.10.90	02.10.90							
R624	Magazine	20.12.89	02.10.90	03.10.90							
R625	Magazine	21.05.90	03.10.90	04.10.90							
R626	Store	13.09.89	04.10.90	08.10.90							
R627	Explosive Store	21.05.90	04.10.90	04.10.90							
R628	Magazine	12.03.91	01.11.90	13.11.90							
R631	Control Room for R632/647/648	12.10.90	08.10.90	09.10.90							
R632	Plastic Propellant Mixing	11.10.90	08.10.90	09.10.90							
R633	Derelict	20.06.89	04.10.90	08.10.90							
R634	Fragment Attack	23.04.90	15.10.90	19.10.90							
R635	Climatic Trials Hot	20.06.89	11.10.90	11.10.90							
R636	Magazine	12.03.91	01.11.90	05.11.90							
R641	Explosive Store	21.09.89	04.10.90	08.10.90							
R642	Explosive Store	06.09.89	04.10.90	08.10.90							
R644	Storage of Explosives	15.11.89	08.10.90	09.10.90							
R645	Derelict	20.06.90	04.10.90	09.10.90							
R646	Plastic Propellant Blending	07.08.89	10.10.90	10.10.90							
R647	Plastic Propellant Mixing	11.10.89	08.10.90	09.10.90							
R648	Plastic Propellant Mixing	02.11.89	08.10.90	09.10.90							
R649	Magazine	25.07.91	05.11.90	14.11.90							*

Bldg No	Usage	Phase Complete								RARDE *
		1	2	3	4	5	6	7	8	
R650	Magazine	25.07.91	05.11.90	14.11.90						*
R651	Magazine	24.04.90	01.11.90	05.11.90						
R652	Initiator Bldg	04.05.90	29.10.90	29.10.90						
R654	Magazine	18.10.89	29.10.90	29.10.90						
R655	Exp Store House	25.02.91	06.11.90	19.11.90						
R656	Workshop	25.07.91	13.11.90	19.11.90						*
R657	Magazine	25.07.91	06.11.90	19.11.90						*
R658	Magazine	25.07.91	06.11.90	19.11.90						*
R659	Magazine	12.03.91	06.11.90	19.11.90						
R660	Magazine	29.07.91	07.11.90	19.11.90						*
R662	Offices		30.10.90	13.11.90						
R663	Offices	23.07.91	28.11.90	18.12.90						*
R665	Laboratory Toxic Chemicals Class 5	23.07.91	06.11.90	19.11.90						*
R666	Explosives Lab	29.07.91	07.11.90	19.11.90						*
R667	Derelect	21.06.89	01.11.90	13.11.90						
R668	Store	23.04.90	31.10.90	05.11.90						
R669	Laboratory	29.07.91	08.11.90	20.11.90						*
R671	Hazardous Chemicals	27.09.89	26.10.90	05.11.90						
R672	Initiators	30.08.91	16.11.90	20.11.90						
R673	Office & Laboratory	23.05.89	02.11.90	14.11.90						
R676	Store	06.06.90	25.10.90	29.10.90						
R680	Locker Magazine	29.07.91	30.10.90	05.11.90						*
R682	Locker Magazine	25.02.91	02.11.90	05.11.90						
R683	Firing Point	23.07.91	31.10.90	13.11.90						*
R688	Locker Magazine	26.02.91	01.11.90	05.11.90						
R690	Pyrotechnic Store	08.09.89	30.10.90	14.11.90						
R691	Locker Magazine	25.02.91	31.10.90	05.11.90						
R697	Unheading Shed	25.02.91	02.11.90	05.11.90						
R806	Fragmentation Facility	06.06.90	24.10.90	29.10.90						
	TOTALS	170	178	178	2	2				14

178 Buildings on List

\*Buildings Re-Opened Column 1

Bldg.No.    Date

P708    28.09.90  
P713    12.10.90  
P757    10.09.90  
P766    10.09.90

SS Number List.

N.G. Ponds.  
A+B.

Last number problem solved

-151 - Acid Storage Tanks.

-152 - Coal Yard

-153 - Exchange Sidings

-154 - Landing Stage

155 - Office on 1888 map



SSNumbers

8/13/98

Can you add Bridges + Steam Runs as you know them? ✓

Area	Name / Function
ss100	Branch Telephone Box
ss101	Barrier
ss104	Shed
ss105	Concrete Bunker
ss106	Firing Point
ss107	Shed
SS108	Bridge
SS111	Water Hydrant
SS112	Water Hydrant
SS113 ✓	Air Raid Shelter
ss114	Loading Bay / Transit Shed
ss114	Contaminated Lead Store
ss115	Air Raid Shelter
ss116 ✓	Pill box
ss117	Telephone Box
ss118 ✓	Steel blast wall
ss119	Steel Blast Wall
ss120 ✓	Steel Blast Wall
SS122	Store
ss123	Telephone Box
SS124	U/K
SS125	?
SS128	Pillbox
SS129	Guncotton magazine ✓ G407
SS130	Tinmen's Shop
SS131	Farm House
SS132	Soldering House
SS132	? Shop
SS133	Stores (added to stable building)
SS134	Toilet
SS135	Police Hut
SS136	Air Compressors
SS137	Stables
SS138	Plumbing Office
SS139 ✓	Wharf at west end of Black Ditch
ss140	Filter beds to northwest of 405a
ss141	Filter beds to west of 405a
ss200	Storage Cage
SS201 ✓	Storage Cupboard
SS202	Blast Wall
SS205	Blast Wall
SS206	Earthen Mound
SS207	Concrete Plinth
SS208	? <del>located at 416</del>
SS209	Curing Oven/Closed Vessel
SS210	Blast Wall
SS211	Curing Ovens / Closed Vessels
SS212	Blast Wall
SS213	Curing Oven / Closed Vessels
SS214	Blast Wall
SS215	Well
SS216 ✓	Fan Foundation
SS217	Asbestos Shed
SS218	Bike Shed
SS219	Air Raid Shelter
SS220	Inclinator?
SS221	Narrow-gauge Rail Tunnel
SS222	Bike Shed
SS223 ✓	Concrete Plinth M357 ✓
SS224	Small Shed
SS225	Blast wall
SS226	Blast wall
SS227	Blast Wall
SS228	Shelter
SS229	Magazine

Some early numbers have been deleted - (fire hydrants)

Shelley + Glen

↕

Steve

↕

Glen + Sally

Area	Name / Function
SS230	Dry mixing house
SS231	Nitrating House
SS232	Shed
SS501	8 inch steam main
SS502	6 inch steam main
SS503	6" Steam Main
SS504	6 inch steam main
SS505	2 inch steam service pipe
SS506	Steam Service Pipe
SS507	Steam Service Pipe
SS508	Steam Service Pipe
SS509	Steam Service Pipe
SS510	4" Steam main
SS511	Steam Service Pipe
SS512	Steam Service Pipe
SS513	Steam Service Pipe
SS514	Steam Service Pipe
SS515	Steam Service Pipe
SS516	Steam Service Pipe
SS517	Steam Service Pipe
SS518	Steam Service Pipe
SS519	Steam Service Pipe
SS520	Steam Service Pipe
SS521	Steam Service Pipe
SS522	Steam Service Pipe
SS523	Steam Service Pipe
SS524	Steam Service Pipe
SS525	Steam Service Pipe
SS526	Steam Service Pipe
SS527	Steam Service Pipe
SS528	Steam Service Pipe
SS529	4" Steam Main
SS530	Steam Service Pipe
SS531	Steam Service Pipes
SS532	Steam Service Pipe
SS533	3" Steam Service Pipe
SS534	3" Steam Service Pipe
SS535	2" Steam Service Pipe
SS536	4" Steam Main
SS537	4" Steam Service Pipe
SS538	4" Steam Service Pipe
SS539	4" Steam Service Pipe
SS540	3" Steam Service Pipe
SS541	4" Steam Service Pipe
SS542	4" Steam Service Pipe
SS543	Steam Service Pipe
SS544	Steam Service Pipe
SS545	4" Steam Main
SS546	2" Steam Service Pipe
SS547	2" Steam Service Pipe
SS551	Bridge
SS551	Bridge
SS552 ✓	Bridge
SS554 ✓	Bridge
→ SS555 (529)	Bridge - Landing Stage / Bridge
SS556	Bridge/ culvert
SS557	Bridge
SS558	Bridge / Culvert
SS559 ✓	Bridge
SS560	Bridge
SS561 ✓	Bridge / Culvert - By swing bridge in N.W. corner.
→ SS562 ? Where?	Jetty
SS563 ✓	Jetty

Other + Salties




Stumps

← SS553 : SWING BRIDGE?

- O. Series 529

SS NUMBERS

Added 9th August 1996

SS No.	Description	Area
SS129	GC Magazine	G
SS130	Tinman's Shop	G
SS131	Farmhouse	G
SS132	Soldering House	G
SS133	Stores / Stables	G
SS134	Toilet	G
SS135	Police Hut	G
SS136	Air Compressors	G
SS137	Stables	G
SS138	Plumbers Office	G
SS139	Wharf, W.end Black Ditch	M
SS140	Filter Bed, NW M Area	M
SS141	Filter Bed, NW M area	M
SS142	Cordite Tray Store No.1	N
SS143	Old Mixing House	N
SS144	Charge House	N
SS145	Weighing House	N
SS 116	Pill Box	R
118	Steel Blast Wall	R
120	Steel Blast Wall	R
113	Refrige.	P/R
201	Storage Cupboard	R
152	Coal Yard at Acetone Recovery.	R
153	Exchange Sidings	R
563	Jetty	M
555	Landing Stage	N
154	Landing Stage	N.
151	Acid Storage Tanks	G
554	Bridge	P/N
552	Bridge	R/M
139	Wharf at West End of B.D.	M
206	Earthen mound / Cell.	M
216	Fan foundation	M
561	Bridge / Culvert	N/P
559	Bridge	N/P
552	Bridge 	R/M
155	Office on 1888 map.	S.S.
156	Denitrating House	S.S.
157	Coal Yard on 1888	S.S.
158	ADX Drying + Sieving Hse <del>XXXXXXXXXX</del>	N



S.S. Numbers.

Area

149	-	Glycerine Lift.	2
146	-	Heater (for 485)	2
147A-147B	-	Settling Ponds.	2
148	-	Gas Engine House	2
<del>149</del>			
150	-	Air Reservoir	2
486	-	N.G. Store + Mixing House post 1894.	2
159		AIR AND SHUTTER (added 29/8/96)	2
<del>160</del>		<del>Refrigerating House (1897)</del>	<del>2</del>
161	-	Gasometer (1897)	9

Area	Old Series	Name / Function
405		Cordite wharf . ORL / CB. .
405B		Demolished
405B		Dry gun cotton yarn store
406		Carpentry Shop and Office
407		B.W. Dept.Store
408		Dining Room
408		B.W. Dept. Store
408A		Guard House
409		Earth Closet
411		Shifting Room
412		Fan House
412A		Stokers Shifting Room
414		Office (re-erected on South Site)
414		
415		Coal Elevator
416		Chimney
417		Economiser Chamber
418		Economiser Chamber
419		Boiler House No.7
419A		Pump House
420		Coal Elevator
421A		Vat House
421B		Press House
422		Vat House
422		
422A		A.C. Store
422A		Vat House
423		Acid Separation House
423		Nitrate of Soda Store
423A		Cotton Waste Store
424		Acid Separating House
424		Egg House and Store
424A		Cotton Waste Store No.3
425		Nitric Acid Factory
425		Denitrating House
425		Picric Acid Factory
425B		Extension to Picric Factory (building 42
426		Chimney
427A		Guncotton Press Drilling Houses
428		Chimney
428		
429		Nitrating Room
429A		Cooling Room
429A		
429B		Drying Room
429B		
429C		Teasing Room
429C		
430		Cotton Waste Store
430A		Electric Tractor Charging House
431		
431		Paint Store
432		Cover for Nitre Cake
433		Boiler/ pump house
433		Demolished
434		Chimney (overlain by G440)
434A		Motor House
434B		Nitre Cake Crusher (Plant)
435		Sulphuric Acid Concentration
435A		Drum shed
436		Nitric Acid Concentration
436A		Nitric Acid Concentration
437		Tower for Acid Tanks
437A		Acid Tower
437B		Acid Tower

Area	Old Series	Name / Function
438		Cycle Shed
438A		Cycle shed
438B		Ticket Station
439		Police Hut
439A		Gas Meter House
439B		Time Keepers Office
439C		Shelter
440		Petrol Shed
440b		Cotton Waste Store
440C		Nitrate of Soda Store
440C		Nitrate of Soda Store
440D		Gangway
442		(Extended)
442		Guncotton Shifting Room
443		Guncotton Dining Room
443		(extended)
443A		Dining Room, Guncotton, Extension
444B		Office
444B		Smiths shop
444C		
444C		Ticket Station
445		Lavatory
448		Hose House
448		Electric Spares Store
449		Lavatory
449A		Box House
450		Wet Guncotton Packing House
450A		Guncotton Press House
451		Soldering House
451A		Fire Engine and Hose House
453		Cycle shed
454		Office and Laboratory
455		Dining and shifting room
455g		B.W.D Workshop
455H		B.W.D Office
456		Shed
458		Earth Closet
459		Gun cotton stove (experimental)
459		Demolished
459		Gun cotton store
460a		Dry guncotton yarn store
460a		Demolished
461		Guncotton store No.3.
462		<del>Guncotton store</del> Engine House for 461
462a		Well
463		Engine House
463		Demolished
464a		Demolished
464a		Reservoir/cooling tray
464b		Demolished
464b		Pump House
466		Dry Guncotton Packing House
466		Demolished
468		Store
468		Dry Guncotton Stencilling House
468A		Earth Closet, womens'.
471		Guncotton water proofing shed
471		Gun Shed
471		Demolished
471A		Demolished
471A		Magazine
471A		Store to north of 471.
472		Cell
472A		Demolished
472A		Guncotton Yarn Drying Stove

\* 453A . Foreman's Dining Room .



Area	Old Series	Name / Function
472B		Demolished
472B		Guncotton yarn drying stove
472C		Guncotton yarn drying stove
472C		Demolished
472D		Guncotton yarn drying stove
472D		Demolished
472e		Demolished
472e		Guncotton yarn drying stove
472F		Demolished
472F		Guncotton yarn drying stove
472G		Guncotton yarn drying stove
472G		Demolished
473		Shed
475		After Separating House
477		Nitrating House
481		Acetone Store
482		Acetone Store
484		Junction House, Covered Hut
490		Lavatory
495		Engine House
495		Demolished
497		Demolished
497		Earth Closet
498		Switchboard House
498		Dynamo House
498		Demolished
498A		Dining Room
498A		Demolished
499		Boiler House
499		Demolished
500		Economiser and cover
500		Demolished
501		Chimney
501		Demolished
503		Weighing House
505		Acetone and M.S store
505		Store, solvent and general
505		Store
506		Mud Washing Shed
508		Office (principal foreman)
508		Mix House(new)
508		Reel Store
509		Experimental House
509		Blank Cutting House
510a		Tractor Charging House
511		Acetone Store
511		Incorporating House
511		Crushing House
513		Hydrant Hose House
514		Press House No 2
514		Acetone Store
514		Press House
517B		Womens Lavatory
519		Police Hut
520		Warders Hut
520		Police Search Hut
522		Lavatory
523		Shed
524		Dynamo House
525		Chimney
526		
526		Switchboard House
527a		Hose House
527B		Circular Filter Bed
527c		Acetone + M.S. Store

← 486  
N.G. Store.  
Mixing House.

Area	Old Series	Name / Function
527c		
527D		Septic Tank and Valve Pit
528		Barrel Shed
529		Landing Stage
529c		Toilet
536a		Cordite Drying Plant (Norm Air)
537		Hose House
544		Lavatory
545b		Motor House
545c		Lavatory
546A		Motor House
546b		Earth Closet
547		Earth Closet
561A		Hose House
567		Cordite Tray Stove
567		Destroyed by fire
570a		Hose House
571		Acetone Recovery Plant
571A		Caustic Soda Store
571B		Crane
578		Earth Closet
584		Hose House
585		Earth Closet
587		Landing Stage (from canal to railway)
592		Landing Stage (canal to railway)
598		Earth Closet
599		Hose House
606		Police Hut
606a		Cycle Shed
607		Womens Shifting and Dining Room
607a		Wheel Stretcher's House
611		Womens Lavatory
613A		Lavatory
621		Hose House
622		Boiler House No. 10
G400		Boiler House
G400		Store
G401		Water Softening Tanks
G402		Water Softening Plant (to No.6 Boiler H
G403	410	Machine Shop
G403	410	Power House
G404		Oil Tank Compound
G405		New Boiler House
G406		New Compressor House
G407	413	MT Workshop
G407	413	Guncotton magazine
G407	413	Plumbers Shop (chemical)
G408		Wood Store
G408		Chemical Plumbers Office
G408		Engineering Workshop
G408		Chemical Plumbers- BWD
G409		Cement/timber store
G409		Paint, cement store and shift room.
G409		Stores and Shift Room
G409a		Hardening Shop
G410		
G411	421	Shifting Room- chemical plumbers
G411	421	Pressure Test Room and Legionella
G411	421	Laggers store
G411	421	Cleaning (ex Plumbers shop)
G412		Carpenters Shop
G412		Furniture Store (ex Carpenters Shop)
G413		Offices and Stores
G413		Timber Rack
G414		New Timber Store

Area	Old Series	Name / Function
G415	452	Offices(SCE)
G415	452	Wagon House
G415	452	Offices
G416		QA Inspection Workshop
G416		EFB Inspection Block
G417		Standard solvent store
G417		
G417		Acid store
G417		Solvent Store
G418A	427;422b	Polymerisation Plant
G418A	427;422b	Pulping and Moulding House
G418A	427;422b	Fuanidine Pilot Plant
G418A	427;422b	Guncotton Processing
G418B		Polymerisation Plant
G419		Stores
G419		(Plumbers Store)
G419		Old Fire Station
G420		Acid store
G420		Oil Stores
G421		Chemical ENG Laboratory
G421		Store(Marley Budget Building)
G422		Storage Garages(Marley)
G422		
G423		Storage Garages(3)
G423		
G424	447	Air Compressing Plant
G424	447	Toilet and dark room
G424	447	Electric shop?
G424	447	Toilet and store
G424	447	Instrument Store?
G424	447	Motor Spare House
G424	447	Toilet and rest room
G424	447	General Store?
G425		Refrigeration House
G425		Solvent Store
G426		Toilet
G426		Solvent Store
G427		Solvent Store
G427		Toilet
G428		Solvent Store
G428		Solvent Store
G429	446	Refrigerating House
G429	446	Electricity Sub-station
G430	444A	Carbon Fibre Winding and Gen. Machine
G430	444A	Nitrating House No.2 (N.C.)
G430	444A	Large Scale Plant (S.C.E.)
G430	444A	Experimental Plant (asbestos)
G431A	See below	Cotton Store (Ground floor)
G431A	See below	Shift Room (1st floor)
G431A	See below	
G431A	See below	Central Store and Offices
G431A	See below	Drying and Cooling Pits
G431B		See G431
G432A		Lab and Offices - Chemical Synthesis
G432A		Picric Plant
G432A		Metal Store (Ground)
G432A		Paint Store (1st)
G432A		Machine Shop
G432B		See 432A
G433		3-Bay Locker Magazine
G433		(Original building)
G434		(Original Building)
G434		Furniture store
G434		Exhibition Room
G435		Store

Area	Old Series	Name / Function
G435		Chemical Engineering Equipment Store
G436		Stand-by generator
G436		Office
G437		Riggers Shop
G437		Store
G437		Library (original building)
G438		Shift House
G439		Part of S.Site Stores (G431)
G440A		Sulphur and Nitric Acid Concentration
G440A		Electronics Workshop and Offices
G440A		Plant Boiler House and Pump House
G440A		Services, M/C Shop and Welders
G440A		Disposal Stores?
G440A		Glass Engineering
G440B		See G440A
G441		Admin. building
G441		Acid Plant (demolished)
G442		Diesel Storage
G443	436?	Pilot Plant
G443	436?	Office (RARDE)
G443	436?	Milling (SCE)
G443	436?	Nitric Acid Plant
G444		Eng. and Fitters Offices
G445		Drawing Office
G445		Tank Farm (SCE)
G445		Acid Tank Cover
G446		Store (marley garage)
G447		Stores (Marley)
G447		Motor Room for Acid Towers
G448		Compounding Room
G448		Acid Concentration House
G449		Foremans Shift Room/ Dining Room
G449		Pay Office
G449		Signing in Office
G450		Clocking Station (Quinton Hill)
G451		Cycle Shed
G451		Ejector House
G452		Petrol Store
G453		Police Armoury
G454		Police Lodge (Quinton Gate)
G455		
G455		Locker Magazine (see M355)
G456		Acid Store
G456		Solvent Store
G457		Acid Store
G457		Solvent Store
G458		Shift House (SCE)
G459		Laundry
G460		Chemical Store
G460		Chemical Store
G461		Sub-station E
M315		Demolished by 1996
M315		Police Search Hut
M316		Police Hut
M316		Demolished by 1996
M317	405a	Electrical store by 1989
M317	405a	Pump House (raw water)
M319		Incinerator
M320		Preparation shed
M320		Assembly bay
M320		Instrument control room
M321		Expense Magazine
M322		Firing Point
M323		Smoke assessment
M323		Observation point



Area	Old Series	Name / Function
M325		Expense magazine for M343
M326	460	Edge runner mill
M326	460	Dry Guncotton magazine
M327		Labour pool mower shed
M328		Scrap metal bins
M329	457	Instrument Room
M329	457	Office
M330		Store
M331		Battery changing/tractor repair
M331		Electricians' workshop
M332		Laggers store
M332		Metal powder store
M332		Solvent store
M333		Electricians store & office
M334	<del>455a</del>	Store
<del>M334</del>	<del>455a</del>	<del>Foodman's dining room</del>
M335		Store
M337		Motor Room
M337		(position not known)
M337		Derelict
M338	464	Laboratory
M338	464	10lb Explosives facility
M338	464	Tray drying stove
M339		Control Room for M338
M340		Magazine
M340		Kerosene store
M341		Smoking Room (Gate House)
M342	465	Charge Machining in association with dr
M342	465	Magazine <i>Cordite.</i>
M342	465	Blending House
M342	465	Gun cotton store No1
M342	465	Store/assembly bay
M343N		Hazard assessment
M343N		(includes 5" railway)
M343N		Explosive Composition
M343S		(Includes 5" railway)
M343S		Ballistic assessment
M344		Derelict
M344		Air Raid Shelter
M344		Shatter test
M345		Ballistic Assessment Firing Chamber
M346		Store
M347	471a	Dry gun cotton packing house
M347	471a	Demolished
M347	471a	Gun cotton magazine
M348	5/78, 492	(Bryan Howard comment)
M348	5/78, 492	Drying and mixing T.E.G. <del>AN</del>
M348	5/78, 492	R.D.X Drying room
M348	5/78, 492	R.D.X Store
M348	5/78, 492	Blending House •
M349	502	Box store
M349	502	Box tray store •
M349	502	Acetone Store
M350	493	Gunpowder proof butts
M350	493	Spigot drop test
M350	493	Magazine
M351	494	Firing Point
M351	494	Derelict
M351	494	Gun cotton drying stove •
M351	494	T.N.T magazine
M351	494	Picric heading up house
M352	496	Cordite drying house
M352	496	Picric store
M352	496	Cordite tray stove •
M352	496	Derelict

*erase*

Area	Old Series	Name / Function
M352	496	Steel store
M353		Derelict
M353		Explosive Store
M353		Air Raid Shelter
M354	419	Pump house (sewerage)
M355	4/70	Locker Magazine
M356		Store
M356		Plant room for M343
M357		Store and Explosives Magazine
M358		Control Room for M350
M359		Solvent Store
M360		Hardware Store
M361		Solvent Store
M363		Toilet
M363		Ballistic Assessment
N500	474	Cordite Magazine
N500	474	Chem Lab
N500	474	Guncotton magazine
N500	474	Magazine
N501		SCE Store
N502		SCE Office
N503	458	Lavatory
n504		Air Raid Shelter
N505		offices typing and phone exchange
n505a		Offices
n505a		Male toilet and cloakroom
n505b		Typing pool and telephone exchange
N506	455D	Laundry
N506	455D	Laboratory and office for composite ma
N506	455D	Female shift rooms
n507		Store
n508	455E	Womens lavatories
n508	455E	Guncotton
N509A		Canteen (Guncotton)
N509A		
N509B		Offices
n510		Air Raid Shelter
n511	455c	Women's Lavatory
n511	455c	Plumbers, wood shed
n511	455c	Store and office
n512		Domestic Plumbers shop
N513		Labs and offices
N513		B.W.D. Carpenters + Machine shop
N513		Fitters store
N513		Small scale and chemical store
N513		Plant store
N514	476	BWD Store
N514	476	Nitrating House
N514	476	Explosives Processing
N515		Truck Shed
N515		Lime shed
N516		ARS + Store
N516		Store(Marley Multiple Garage)
N516		P.A.D Shelter + BWD Store
N516		First aid cleansing centre
N517		Store (Marley Multiple Garage)
N517		PI Garages
N517		Air Raid Shelter
N518	441	Lavatory
N518	441	3 Bay Store
N518	441	Store
N519		Cement Store
N519		Solvent Store (Marley Flamstore)
N520		Solvent Store (Marley Flamstore)
N520		Wood Shed

Area	Old Series	Name / Function
N521		BWD Dead Store
N521		Monitoring House for N514
N521		Air reservoir
N522		Acid store
N522		Hose House
N522		Stores Shed
N523		Cycle shed
N523		Acid store
N523		Stores Shed
N524	520?	Police Search, Clocking, Quinton Gate
N524	520?	Gas meter house
N525		Bund store
N525		Acid store
N526		Drying and Sieving House
N526		Bund store
N527		Oil Preparation
N527		Store
N528		Control room for N530
N529		Nitrating House
N529		Store
N530		Explosive nitration house
N531		Wet Pilot Plant House(RDX)
N531		RDX Boiling Plant
N532		Cruciform Magazine(RDX)
N533		Control Lab for TNT Nitration
N533		Control Room for N534
N534		TNT/HNS Pilot Plant
N534		Experimental Laboratory
N534		Boiling and Milling House(RDX)
N534		Hazardous Chemicals
N535		Micronising House
N535		Milling
N535		(RDX) Processing
N536		(RDX)
N536		Explosive small scale plant
N536		Control Room
N537		Perchlorate Store
N537		RDX Processing
N537		Explosive small scale plant.(RDX)
N538		Vacuum plant room
N539		RDX Processing
N539		Polymer Bay
N539		Small scale explosive
N540	479	Glycerine Store
N540	479	(RDX)
N540	479	Schultz O'Neil Mill
N540	479	explosive drying room
N541		Water tower (10,000 gallons)
N542	478a	Reservoir (10,000 Gallons)
N543		Nitration Tower
N544	483	NG Washing House
N545		
N545		Magazine
N545		Red Magazine
N546		Loading Bay (PII)
N546		Transit shelter
N547	491	Charge Magazine (PII)
N547	491	Cordite Blending House
N547	491	Magazine
N547	491	CDB Charge Magazine
N548	485	Sieving House
N548	485	Guncotton Stove No.1
N548	485	Dry Mixing house
N548	485	Mixing House
N549A		Wet Mixing House

Area	Old Series	Name / Function
N549A		Wet Mixing & NG extraction house.
n549b		Wet mixing and NG extraction house
n549c		Wet mixing and NG extraction house.
n549d		Wet mixing and NG extraction house.
N549e		Wet mixing & NG extraction house.
N550	480	Powder Filling (PII)
N550	480	Polyurethane plant
N550	480	Acetone Store
N550	480	CTB Propellant Plant.
N550	480	Plastic Propellant
N550	480	Assembling, Dismantling
N551		Reservoir (for pump house N552)
N551		SCE Equipment Store
N551		Dead Store
N552	518	Pump House
N552	518	Cordite tray stove No.3
N552	518	Dead store
N552	518	SCE Equipment store
N552	518	Dough store
n553	9-66,487	Oven Room
n553	9-66,487	Charge Curing
n553	9-66,487	Dry Guncotton Store
n553	9-66,487	Picric Acid Magazine
n553	9-66,487	Curing House
n553	9-66,487	Charge Curing
n553	9-66,487	Dry Guncotton Store
n553	9-66,487	Mixed Material Store
N553a	488	Lavatory
N554	489	CTPB Propellant Preparation. Rooms an
N554	489	Polyurethane Rocket Prep Room
N554	489	CTPB Propellant Preparation. Rooms an
N554	489	Casting powder magazine
N554	489	Cordite Reel Stove
N554	489	Cordite Store
N554	489	Process Building
N555		Calorifier room for N548
N555		Air Raid Shelter
n556		Charge Assembly and Filling
n556		Boot Room + NI Vessel Enclosure
n556		Casting House (PII)
n556		Large scale casting
n556		Experimental processing
N557		NG extraction house
N558		
N558		Compressor room
N558		Cook-off Oven
N559		(Isocyanate Storage PII)
N559		Marley flamstore.
N560		Store
N560		(Isocyanate Storage PII)
N561		(Isocyanate storage)
N561		Air Raid Shelter
N561		Marley flamstore.
N562 A	517	EXP Casting lab + offices
N562 A	517	E.M. Offices and Laboratory.
N562 A	517	Store, control lab + offices (PII)
N562 A	517	Old Press House No. 1
N562 A	517	Process Buildings
N562 A	517	Press House
N562 A	517	Sorting House
N562B		E.M. Offices and Laboratory.
N563	517a	Oven room and winding
N563	517a	Offices
N563	517a	Press House No 9
N563	517a	Occasional storage



Area	Old Series	Name / Function
N563	517a	C.A Container Factory
N564	1070; 527	Battery charging + tube preparation
N564	1070; 527	Shift House
N564	1070; 527	Annexe tube prep + photographic(previo
N564	1070; 527	Truck charging station/garage
N564	1070; 527	Photocopying office + labs/process buil
N564	1070; 527	Boiler House
N565		Compressor House
N566		Toilet Block
N567	0-79 ,515	Small Scale Manufacture
N567	0-79 ,515	Acetone Store
N567	0-79 ,515	Incorporating House
N567	0-79 ,515	Experimental Processing and Laboratory
N567	0-79 ,515	Clean Store
N567	0-79 ,515	Small Scale Casting
N568	516	Box House
N568	516	Sorting House
N568	516	Process Store.
N568	516	Incorporating House
N568	516	Non explosive store
N569	510	Machine Shop
N569	510	Acetone Store
N569	510	Reel House
N569	510	Charge Trimming and Xray inspection
N570.		Oven building (6 lab ovens)
N570.		Cube Cracking Ovens.
N571		Control room for N550.
N572	11/7, 512	Experimental Processing and Laboratory
N572	11/7, 512	Gamma Ray Inspection House
N572	11/7, 512	Incorporating House
N572	11/7, 512	Small Scale Filling and Ultrasonics
N572	11/7, 512	Incorporating House
N572	11/7, 512	Box House
N573		Air Raid Shelter . <i>N area</i>
N573		Non standard propellants
N573		Unstable Magazine
N574		NG Wash Water Settling
N574		(PII)
N575		Mixing House
N576	Overlies 508	Mixing House
N576	Overlies 508	
N577		Inert Store
N577		Air Raid Shelter
N577		Equipment Store, Labour Pool
N578		Equipment Store, Labour Pool
N578		Offices
N579	5-72; 504	Packing House
N579	5-72; 504	Casting Liquid Magazine
N579	5-72; 504	Desensitised NG Store
N579	5-72; 504	Cordite Tray Stove No. 2
N579	5-72; 504	Paste Store
N579	5-72; 504	Casting Liquid Magazine
N579	5-72; 504	Explosive Store
N579	5-72; 504	Expense Magazine
N580		Toilet
N581	60/63(?)	Waste Cordite Magazine
N581	60/63(?)	Observation post WW2
N582.	6/78	Electricity Sub-station
n583		Acid mix house for nitric esters
n583		Locker Magazine
N584		Explosives store
N584		Single Locker Magazine
N585		Refridgerator house for nitric esters
N586		Observation post
N586		Non standard propellant

Area	Old Series	Name / Function
N587		Calorifier room for N556
N588		Plant room (for extraction house N557)
N589		Calorifier Room for N550
N589		Store room
N590		Calorifier room for N574
N591	521	Dining and shifting room
N591	521	Office and store
N591	521	M.O.W. Site Offices
N592		Flamstore
N593		Flamstore
N594		Flamstore
N595		Flamstore
p700		Womens Shift Room (Portacabin)
p700		Ladies Shift Room
p701		Shift House/ Room
p702		Explosives Store
p702		Small Store - Propellants
p702		Polymer Store
P703	608	Cordite stove
P703	608	Reel Stove
P703	608	Sample Store, Drying
p704	609, 609A	(Womens Lavatory - 609A)
p704	609, 609A	Cordite Inspection and Comb'n. Control
p704	609, 609A	Reeling House No.2
p704	609, 609A	Inert Materials Store (W end)
p705		Rolling House, Proj.III
p705		Reeling House No.1 (verandah 1918)
p706	612	Cordite Testing House
p706	612	Vertical Press House (solventless), Proj
p707	529A	Pump House
p707	529A	Lavatory
P708	529B	Lecture Room/ Servicing Bays/ M/C Sho
P708	529B	Sample Store
P708	529B	Non-Explosive Store
P708	529B	Box Store
P708	529B	Low Explosive Store
P709		Toilets
P709		
p710	545	Blending House
p710	545	Stick Blending Cordite
p710	545	In Process Store
P711	545A	Signal Cabin
P711	545A	Traffic Controllers Office
p712	562	Cordite Magazine
p712	562	Truck Drying - Project III
p712	562	Proving Oven/ Decontamination Oven
p713		Proving Oven Control Room
p713		Sieving House
p713		Bagging Store
p714	563	Cordite Magazine
p714	563	Charge Machining
p715	613	Cordite - Small Scale
p715	613	Blending House No.6
p715	613	Incorporating Mill
p716	564	Horizontal Press House
p716	564	Cordite Magazine
P717	614	Cordite Reel Stove
P717	614	Cordite Incorporation
P718	615	Solvent Pressing House
P718	615	Reel Stove No.5
P718	615	Cordite Pressing House and High Level
p719	617	Store
p719	617	Tube Preparation, Non-Explosive Store,
p719	617	Reel Stove
p719	617	Plastic Propellant Store and Degreasing

Area	Old Series	Name / Function
p719	617	Laboratory, Lecture Room, Offices
p720	616	Small Scale Manufacture
p720	616	Plastic Propellant Manufacture & Propell
p720	616	Cordite Reel Stove
p721a	618	Reel Stove No. 8
p721a	618	P721B - Proof Stand Assembly post
p721a	618	P721A - Lab and offices
p721a	618	Fire Control Building (Offices,etc.), and
P721b		Part of Reel Stove number 8
P722a	(SS121)	Police Emergency Post (OP 23)
P722b		Police Emergency Post
p722c		Police post
p723		Reel Stove number 7
p724		Plastic Propellant Press and Pugmill
p725		South Site Proof Stand
p726		Motor Room; Proof Stand
p727		Hot and Cold Chambers
p728		Ammonium Perchlorate Oven
P729		Pressing and extrusion of explosives
P730		Office Utility Building, Cordite
p731		Utility room, Stores, Cordite
p732		Paste mixing building, Wet mixing buildin
P733		N. G. Extraction
P733A		Linking corridor
P734		Weights House, Small Scale Proj 3
P734		Cordite CDB Small Scale
P735		Cordite CDB Small Scale
P735		Explosive Store - (Charges after filling) (
P735A		Calorifier Room
P736		Cordite, Small Scale, Oven Room
P736		Cordite Stove, Small Scale Proj 3
P737		Isolation Stove, Cordite; Small Scale Pr
P737		Cordite Small Scale
P738		Cordite Small Scale
P738		Cordite Press House, small scale proj 3
p739		Magazine
p739		Ready Use Magazine
p739		NC Expense Magazine
p740		Quinan Stove
p740		Quinan Stove Combustible Cases
p741		Magazine and Loading Bay
p741		Lead Melting and Dirty Store
p742	607?	Offices and Labs (Adhesives)
p742	607?	ropellant Combustion Laboratory
p742	607?	Store
p742	607?	Offices and Labs (Propellant Rheology a
p742	607?	Female Shift House
p743		Cordite General
p743		Police Offices (Ex-MDP)
p743		MOD Police
p743		Office Block, Project III
p744		Sewer Pump House
p745		Solvent Store
p746		Police Lodge, (Sewardstone Gate)
P747		Police Store
P747		Police Petrol Store
P747		Police Search Hut
p748		South Site Surgery
p749		Clocking Station
p749		Battery Charging Facility
p750		Shift House (Plastic Group)
p751		Electrical Sub-station No.2
p752		Electricity Sub-station No.3
p753		K Round Firings
p753		Small Proof Stand

Area	Old Series	Name / Function
p754		Offices, Store
p754		Fire Station
p754		Store
p754		Dog Kennels
p755		Locker Magazine (6 bay)
P756		Explosive Storehouse for 500lb P.U. (fo
P756		Small Magazine
p757		(Office Extension)
p757		Sample Lab and Offices
p757		Control Lab (Composite Propellants)
p758		C.T.P. B. Propellant Manufacture (small
p758a		Offices and weighing room for P758
p758b		Oven House for P758
p759		Solvent Store
p760		Small Magazine
p761		Waste Propellant Store
p761a		Magazine (T.E.G.N.)
p761a		Waste Propellant Store
p762		Small Locker Magazine (50lb)
p762		Explosives Waste Store
p763		Rocket Motor Preparation
p763		'K' Round Cleaning Building (Pre-fab)
P764		Solvent Store (Marley Flamstore) (repla
P764		Solvent Store
p765		Propellant Sample Lockers
p765		Magazine
p766		Locker Magazine
p766		Propellant Sample Locker (for C.P.2)
P767		No.4 Bay Locker Magazine
p768		Ammonium Perchlorate Store
p768		Clean Lead Store
p768		Box Store
p769		Locker Magazine (20 kg)
p770		Magazine (4 cubicle)
p771		Store
p771		Truck Shed
p772		Store
p772		Shelter (Air Raid)
p773		Locker Magazine
p774		R.C.Cruciform Locker Magazine
p775		Solvent Store (Marley Flamstore)
p776		Compressor Shed
P777		Greenhouse
P778		Compressor Hut
p779		Fire Station Store
p780		Electrical Sub-Station
p781		Solvent Store
R600		Fire Brigade Smoke Training
R600		Empty drum box store
R600		First aid cleansing centre
R602	531	N.C. Wet Paste Store
R602	531	Cordite Tray Stove
R602	531	Explosive magazine
R603	532	Cordite magazine
R603	532	Dry Paste Store
R603	532	Cordite Tray Stoves
R604	533	Cordite Magazine
R604	533	Cordite Tray Stove
R604	533	Explosive Store
R605	534	Cordite Tray Stove
R605	534	Explosive Store
R605	534	Cordite Magazine
R605	534	Wet N.C. Store
R606	535	Explosive Store
R606	535	Cordite Magazine



Area	Old Series	Name / Function
R606	535	cordite Tray Stove
R607	536	Cordite tray stove
R607	536	demolished by fire
R607	536	Cordite Magazine
R608	538	Explosive Store
R608	538	Cordite Tray Stove
R608	538	Wet N.C. Store
R608	538	Cordite Magazine
R609	534	Cordite Tray Store
R609	534	Destroyed 1940 enemy action
R609	534	Cordite
R610	540	Cordite Tray Stove
R610	540	Cordite Magazine
R610	540	Picric and RDX Store
R611	541	Cordite Tray Stove
R611	541	Explosive Store
R611	541	Magazine
R612	542	Cordite Tray Stove
R612	542	Picrite and DNT Store
R613	543	Water Steeping Paper Beatings
R613	543	Cordite Tray Stove
R614	546	Rumbling and Graphiting Cordite
R614	546	Blending House
R615	548	Alcohol Dehydration
R615	548	Cordite Tray Stove
R615	548	Combustible Gases
R616	770, 549	Continuous Extrusion
R616	770, 549	Ball Powder Manufacture
R616	770, 549	Propellants Process Research.
R616	770, 549	Cordite Tray Stove
R617	550	Not In Use
R617	550	Demolition chargers store
R617	550	Cordite Tray Stove
R618	551	Explosive Storehouse
R618	551	Not In Use
R618	551	Cordite Tray Stove
R619	552	Not In Use
R619	552	Explosives Store
R619	552	Cordite Tray Stove
R620		Not In Use
R620		Cordite tray stove
R620		Explosive Store
R621		Engineers Store.
R621		Not In Use
R621		Acetone recovery plant
R622	555	Cordite Tray Stoves
R622	555	Magazine
R623	7/80	Cordite Tray Stove
R623	7/80	Magazine
R624	557	Magazine
R624	557	Cordite Tray Stove
R625	558	Destroyed by fire
R625	558	Climatics Huts
R625	558	Cordite Tray Stove
R625	558	Magazine
R626		Pilot Plant Bull Powder
R626		Store
R626		Acetone Recovery Store
R627	554	Explosive Store
R627	554	Perchlorate Milling
R627	554	Cordite Tray Stove
R628	560	Cordite Inhibition
R628	560	Explosive Store
R628	560	Cordite Tray Stove
R628	560	Magazine

Area	Old Series	Name / Function
R629		Compressor House
R630		Electrical switch gear station
R631	9-79, 565	Control Room for R632/647/648
R631	9-79, 565	Cordite Tray Stove
R632	566	Cordite Tray Stove
R632	566	Plastic propellant mixing
R633	567	Climate Trials (Hot)
R633	567	Derelict
R634	568	Fragment Attack
R634	568	Shatter Test
R634	568	Climate Trials (cold)
R635	569	Cordite Tray Stove
R635	569	Climatic hut- hot
R636	570	Cordite magazine
R636	570	Cordite Tray Stove
R637		Control room for R613
R638		Control Room for R634
R639		Isocyanate Store
R640		Solvent Store
R641		Magazine
R642		Locker Magazine
R643		Solvent Store
R644	583	Process Building
R644	583	Cordite Tray Store
R644	583	Cordite magazine. Plastic propellant inc
R645	582	Rough Use Climate Trials
R645	582	Derelict
R645	582	Cordite stove (burnt 1938). Drop test fa
R646	581	Climatic Trials
R646	581	Plastic propellant blending
R646	581	Cordite Tray Stove
R647	580	Cordite Tray Stove
R647	580	Plastic propellant mixing
R648	579	Plastic Propellant Mixing
R648	579	Cordite Tray Stove
R649	579	Cordite magazine
R649	579	Cordite Tray Stoves
R650	580	Cordite Tray Stove
R650	580	Magazine (Filled Round)
R651	581	Cordite Tray Stove
R651	581	Cordite magazine
r652		Telephone
r652		Derelict
r652		Initiator Building
R653		Derelict
R653		Telephone
R653		Chemical Store (Acid)
R654	582	Cordite Tray Stove
R654	582	Cordite magazine
R655	583	Explosive Store House
R655	583	Cordite Tray Stove
R656	586	Pyrotechnic Laboratory
R656	586	Cordite Tray Stove
R656	586	Workshop
R656	586	Blending House
R657	588	Magazine
R657	588	Cordite Tray Stoves
R658	589	Magazine
R658	589	Cordite Tray Stoves
R659	590	Cordite Tray Stove
R659	590	Magazine
R660	591	Cordite Tray Stoves
R660	591	Magazine
R661		not in use
R661		Shelter

Area	Old Series	Name / Function
R662	597	Cordite Blending House
R662	597	Chemical Store
R662	597	Engineering workshop/offices
R662	597	Cordite Tray Stove
R663	596	Blending House
R663	596	Offices
R663	596	Cordite Tray Stove
R664		Stores
R664		Garage
R665	595	Cordite Blending House
R665	595	Laboratory(Toxic Chemicals)
R665	595	Cordite Tray Stove
R666	594	Pyrotechnic Laboratory
R666	594	Cordite Blending House
R666	594	Cordite Tray Store
R667	8-76?; 593	Blending House
R667	8-76?; 593	Cordite Tray Store
R667	8-76?; 593	Laboratory (presses present)
R667	8-76?; 593	Laboratory (dyeing plant)
R667	8-76?; 593	Derelict
R668	600	Laboratory
R668	600	Cordite Tray Stove
R668	600	Store
R668	600	Cordite Blending House
R668	600	Not in use
R669	605	Laboratory
R669	605	Cordite Blending House
R669	605	Cordite Tray Stove
r670a		Stores
r670a		Bump Test Building
R670b		Bump Test Building
R670b		Stores
R671	602	Packaging/Testing Lab
R671	602	Cordite Blending House
R671	602	Cordite Tray Stove
R671	602	not in use
R671	602	Hazardous Chemicals
r672	603	Chemicals (ex. Initiators)
r672	603	Cordite Blending House
r672	603	Cordite Tray Stove
r672	603	Laboratory
R673	604	Office and Lab
R673	604	Cordite Tray Stove
R673	604	not in use
R673	604	Development Packing House
R673	604	Cordite Blending House
R674		Demolished
R674		Paint Store
R674		not in use
R675		Solvent Store
R676	605	Cordite Tray Stove
R676	605	Cordite Blending House
R676	605	Store
R677		Pump House (mostly underground)
R678		Locker Magazines
R678		Solvent Store
R679		Chemical Store
R679		Locker Magazine
R680		Locker Magazine
R681		Climate Trials Control Building
R682		Locker Magazine
R683		Firing Point
R684		Control room for R683
r685		Control Cubicle for R635
R686		Sewer Pump House

Area	Old Series	Name / Function
R687		Dropping Tower
R688		Locker Magazine
R689		Control room for dropping tower
R690		Magazine
r691		Locker Magazine
R692		Compressor House
R693		Store.
R694		Store
R695		Store.
R696		Hard Standing Soakaway for soluble ch
R696		Derelict
r697		Unheading Shed
R698		Toilet Block
R699		Equipment Store
r801		Compressor House
r802		Electricity Sub-station
r803		Plant Store
r804		Drainage Tank
r805		Explosive Store
r806		Fragmentation Facility
ss100		Branch Telephone Box
ss101		Barrier
ss104		Shed
ss105		Concrete Bunker
ss106		Firing Point
ss107		Shed
SS108		Bridge
SS111		Water Hydrant
SS112		Water Hydrant
SS113		Air Raid Shelter • P/R area.
ss114		Contaminated Lead Store
ss114		Loading Bay / Transit Shed
ss115		Air Raid Shelter •
ss116		Pill box
ss117		Telephone Box
ss118		Steel blast wall
ss119		Steel Blast Wall
ss120		Steel Blast Wall
SS122		Store
ss123		Telephone Box
SS124	G405B?	U/K
SS125		?
SS128		Pillbox
SS129		Guncotton magazine
SS130		Tinman's Shop
SS131		Farm House
SS132		? Shop
SS132		Soldering House
SS133		Stores (added to stable building)
SS134		Toilet
SS135		Police Hut
SS136		Air Compressors
SS137		Stables
SS138		Plumbing Office
SS139		Wharf at west end of Black Ditch.
ss140		Filter beds to northwest of 405a
ss141		Filter beds to west of 405a
ss142		Cordite Tray Stove No.1
ss143		Old mixing House
ss144		Charge House
ss145		Weighing House
ss200		Storage Cage
SS201		Storage Cupboard.
SS202		Blast Wall.
SS205		Blast Wall.



Area	Old Series	Name / Function
SS206		Earthen Mound.
SS207		Concrete Plinth
SS208		?
SS209		Curing Oven/Closed Vessel
SS210		Blast Wall.
SS211		Curing Ovens / Closed Vessels.
SS212		Blast Wall
SS213		Curing Oven / Closed Vessels.
SS214		Blast Wall
SS215		Well
SS216		Fan and Engine House for M351
SS217		Asbestos Shed.
SS218		Bike Shed.
SS219		Air Raid Shelter. <i>• Marea</i>
SS220		Incinerator?
SS221		Narrow-gauge Rail Tunnel.
SS222		Bike Shed
SS223		Concrete Plinth
SS224		Small Shed.
SS225		Blast wall.
SS226		Blast wall.
SS227		Blast Wall.
SS228		Shelter.
SS229		Magazine
SS230	486	Dry mixing house
SS230	486	Explosives Store
SS230	486	N.G. Store
SS231	475	Nitrating House
ss232		Shed
SS439	441A	Shifting Room
SS501		8 inch steam main
SS502		6 inch steam main
SS503		6" Steam Main
SS504		6 inch steam main
SS505		2 inch steam service pipe
SS506		Steam Service Pipe
SS507		Steam Service Pipe
SS508		Steam Service Pipe
SS509		Steam Service Pipe
SS510		4" Steam main
SS511		Steam Service Pipe
SS512		Steam Service Pipe
SS513		Steam Service Pipe
SS514		Steam Service Pipe
SS515		Steam Service Pipe
SS516		Steam Service Pipe
SS517		Steam Service Pipe
SS518		Steam Service Pipe
SS519		Steam Service Pipe
SS520		Steam Service Pipe
SS521		Steam Service Pipe
SS522		Steam Service Pipe
SS523		Steam Service Pipe
SS524		Steam Service Pipe
SS525		Steam Service Pipe
SS526		Steam Service Pipe
SS527		Steam Service Pipe
SS528		Steam Service Pipe
SS529		4" Steam Main
SS530		Steam Service Pipe
SS531		Steam Service Pipes
SS532		Steam Service Pipe
SS533		3" Steam Service Pipe
SS534		3" Steam Service Pipe
SS535		2" Steam Service Pipe

Area	Old Series	Name / Function
SS536		4" Steam Main
SS537		4" Steam Service Pipe
SS538		4" Steam Service Pipe
SS539		4" Steam Service Pipe
SS540		3" Steam Service Pipe
SS541		4" Steam Service Pipe
SS542		4" Steam Service Pipe
SS543		Steam Service Pipe
SS544		Steam Service Pipe
SS545		4" Steam Main
SS546		2" Steam Service Pipe
SS547		2" Steam Service Pipe
SS551		Bridge
SS551		Bridge
SS552		Bridge
SS554		Bridge
SS555		Bridge
SS556		Bridge/ culvert
SS557		Bridge
SS558		Bridge / Culvert
SS559		Bridge
SS560		Bridge
SS561		Bridge / Culvert
SS562		Jetty
SS563		Jetty

# ORDNANCE SURVEY

BROXBORNE DISTRICT  
BROXBORNE BORO CONST

Euro Const A  
Euro Const B

WALTHAM ABBEY

37

01'

38

0' 00"



County Essex      District EPF      Site No. 10063

Parish civil Waltham Abbey

NGR TQ 37729871      Old Map No. TQ39

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**Cross Reference** 10065 10071 10072

**Period-general** modern      **Site type-general**

**Site Name** Observation Post at Royal Ordnance Works, Enf. Naked Hall Mills

*Description*

Close to the SW corner of the Royal Ordnance Works at Enfield Naked Hall Mills in scrubland is one of at least four observation posts. Now largely deserted, the site appears to have been once ringed with these posts as "O.P.24" is painted prominently on the side. Others have similar numbers. The structure is made of brick and concrete and could hold no more than two men, the dimensions being 6'x6'x7' high. Internally it measures just 4' square. On each face, at head height, is an observation slit 4' wide x 2" high. The middle few inches of each slit have been roughly chiselled out to provide a rifle firing hole. Interestingly, there is a wall-mounted telephone inside which is encased in a protective wooden cabinet. One photo of each site. {1}

*Site and Artefact Types*

**Site type** pill box      **Form** standing monument

**Period-specific** 1939-1945      **Material** -

**Completeness** 2    **Physical Condition** B    **Source**

*Land classification*

**On site** scrub      -      **Date** 1993

**By site** land boundary    fence      **Date** 1993

thoroughfare    path      **Date** 1993

**Area Status** MOD      **Date**

**Visits:**  
**Name**      **Date**  
Nash, F, ECC      6:1993

*Sources:*

1 photo      **Location** ECC  
**Collection** SMR  
**Author** Nash, F      **Date** 6:1993  
one frame

**Date of compilation or update:** Nash, F      **Date** 8:1993

County Essex District EPF Site No. 10064

Parish civil Waltham Abbey

NGR TQ 38089882 Old Map No. TQ39

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Period-general modern Site type-general

Site Name Pillbox (destroyed) at Royal Ordnance Works, Enf. Naked Hall Mill

*Description*

2500:1 map no. TQ 3898 dated 1971 (see source 1) shows a hexagonal building in the SE corner of the Royal Ordnance Works. It is of the right dimensions for a pillbox and is logically positioned close to the perimeter fence overlooking fields to the E. {1}

However, if it was a pillbox, which appears probable, it has now been destroyed. There is a large quantity of old broken concrete in this area, mostly under scrub, and this suggests that this corner of the site was used for general dumping after the pillbox was demolished. One photo of site. {2}

*Site and Artefact Types*

Site type pill box Form cartographic  
Period-specific 1939-1945 Material -

Completeness 7 Physical Condition Source

*Land classification*

On site waste ground - Date 1993

By site thoroughfare path Date 1993  
land boundary fence Date 1993

Area Status MOD Date

Visits:Name Date  
Nash, F, ECC 7:1993

*Sources:*

1 map Location ECC  
Collection Reprographics Dept  
Author - Date 1971

2 photo Location ECC  
Collection SMR  
Author Nash, F Date 7:1993  
one frame

Date of compilation or update: Nash, F Date 8:1993



County Essex      District EPF      Site No. 10065

Parish civil Waltham Abbey

NGR TQ 38079909

Old Map No. TQ39

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**Cross Reference** 10063

**Period-general** modern      **Site type-general**

**Site Name** Observation Post at Royal Ordnance Works. Enf. Naked Hall Mills

*Description*

This observation post stands by the perimeter fence on the S boundary of the Royal Ordnance Works. Of the same pattern and construction as the O.P. at TQ 3772 9871 (SMR 10063) the no. "O.P.23" is painted on the side. Similarly, it has a boxed telephone mounted inside. It cannot be absolutely determined that these O.P.'s were constructed during WWII but the age of the construction materials, style of lettering, and the necessity for rifle holes all point to the fact. One photo of site.

*Site and Artefact Types*

**Site type** pill box      **Form** standing monument  
**Period-specific** 1939-1945      **Material** -

**Completeness** 2    **Physical Condition** B    **Source**

*Land classification*

**On site** verge      -      **Date** 1993

**By site** land boundary      fence      **Date** 1993  
thoroughfare      path      **Date** 1993

**Area Status** MOD      **Date** -      -

**Visits:****Name**      **Date**  
Nash, F, ECC      6:1993

*Sources:*

**1** photo      **Location** ECC  
**Collection** SMR  
**Author** Nash, F      **Date** 6:1993  
one frame

**Date of compilation or update:** Nash, F      **Date** 8:1993

County Essex District EPF Site No. 10066

Parish civil Waltham Abbey

NGR TQ 37549910

Old Map No. TQ39

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Period-general modern Site type-general

Site Name Pillbox on Royal Small Arms island

*Description*

This pillbox is extremely difficult to access, standing on Royal Small Arms land at the N end of a small island in dense, swampy undergrowth and high stinging nettles. It is a hexagonal Type FW3/24 (see source 1), made of concrete and facing westwards across the River Lee Navigation Canal some 50 yards away. It appears to be the southernmost of a chain of pillboxes guarding the western approaches to the Works. {1}

Structurally, it is in excellent condition. The concrete facing has survived almost perfectly being smooth and unmarked both internally and externally. Remains of the original wooden shelving beneath the gun apertures can be seen and a complete wooden shelf is solidly in position against the central pillar. Two photos of site. {2}

*Site and Artefact Types*

Site type pill box Form standing monument  
Period-specific 1939-1945 Material -

Completeness 2 Physical Condition A Source

*Land classification*

On site scrub - Date 1993

By site open Fresh Water1 - Date 1993

Area Status MOD Date

Visits:Name Date  
Nash, F, ECC 6:1993

*Sources:*

1 Illustration Location -  
Author Wills, H Date 1985  
Pillboxes p31

2 photo Location ECC  
Collection SMR  
Author Nash, F Date 6:1993  
two frames

Date of compilation or update: Nash, F Date 8:1993

County Essex District EPF Site No. 10067

Parish civil Waltham Abbey

NGR TQ 38319913 Old Map No. TQ39

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Period-general modern Site type-general -

Site Name Pillbox at Royal Ordnance Works, Enfield Naked Hall Mills

*Description*

A Type FW3/24 (see source 1) hexagonal, brick and concrete pillbox standing by the southern boundary of the Royal Ordnance Works. {1}  
In the event of an invasion the site may well have been seen as a potential target for paratroopers and it is likely that it was entirely ringed by defences during WWII - thus this pillbox faces S. There are remains of the original wooden shelving beneath some of the loopholes. One photo of site. {2}

*Site and Artefact Types*

Site type pill box Form standing monument  
Period-specific 1939-1945 Material -

Completeness 2 Physical Condition B Source

*Land classification*

On site land boundary fence Date 1993

By site scrub - Date 1993

Area Status MOD Date

Visits:Name Date  
Nash, F, ECC 6:1993

*Sources:*

1 Illustration Location -  
Author Wills, H Date 1985  
Pillboxes p31

2 photo Location ECC  
Collection SMR  
Author Nash, F Date 6:1993  
one frame

Date of compilation or update: Nash, F Date 8:1993

County Essex District EPF Site No. 10068

Parish civil Waltham Abbey

NGR TQ 38499913 Old Map No. TQ39

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Period-general modern Site type-general

Site Name Pillbox at Royal Ordnance Works, Enfield Naked Hall Mills

*Description*

On the S boundary of the Royal Ordnance Works is a Type FW3/24 (see source 1) hexagonal pillbox positioned to face across open farmland. Like many pillboxes built when wood became scarce during 1940/41, brick flettons were used as shuttering and concrete poured in between. The bricks were left in position afterwards and the walls thus measure 2' thick. The machine-gun apertures, one in each face, were made of stepped concrete; the entrance is at a low level protected by a blast wall. {1}

Although the pillbox is deteriorating externally it, unusually, still retains almost all of its original wooden shelving beneath each gun port plus two shelves built against the internal central pillar. In addition, there is a coat hook mounted on the wall between each shelf, possibly on which to hang a gas mask. Three photos of site. {2}

*Site and Artefact Types*

Site type pill box Form standing monument

Period-specific 1939-1945 Material -

Completeness 2 Physical Condition B Source

*Land classification*

On site land boundary fence Date 1993

By site scrub - Date 1993

cultivated land - Date 1993

Area Status MOD Date

Visits: Name Date  
Nash, F, ECC 7:1993

*Sources:*

1 Illustration Location -  
Author Wills, H Date 1985  
Pillboxes p31

2 photo Location ECC  
Collection SMR  
Author Nash, F Date 7:1993  
Three frames

Date of compilation or update: Nash, F Date 8:1993

County Essex District EPF Site No. 10069

Parish civil Waltham Abbey

NGR TQ 37679919 Old Map No. TQ39

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Period-general modern Site type-general

Site Name Pillbox base at Royal Ordnance Works, Enf. Naked Hall Mills

*Description*

Where the River Lee Navigation Canal joins the Rammey Marsh Flood Relief Channel there is a hexagonal, concrete base on the bank close to the Royal Ordnance Works fence. It is of the same size and shape as a Type FW3/24 (see source 1) pillbox and the positioning would have been logical and in line with others. However, the base is entirely smooth with no trace of walling remains. It seems possible that the base was constructed but then plans to build the pillbox were cancelled before the work actually began. {1}  
One photo of site. {2}

*Site and Artefact Types*

Site type pill box Form building foundation  
Period-specific 1939-1945 Material -

Completeness 5 Physical Condition B Source

*Land classification*

On site scrub - Date 1993  
By site land boundary fence Date 1993  
open Fresh Water1 - Date 1993

Area Status MOD Date

Visits:Name Date  
Nash, F, ECC 6:1993

*Sources:*

1 Illustration Location -  
Author Wills, H Date 1985  
Pillboxes p31

2 photo Location ECC  
Collection SMR  
Author Nash, F Date 6:1993  
one frame

Date of compilation or update: Nash, F Date 8:1993



County Essex District EPF Site No. 10070

Parish civil Waltham Abbey

NGR TQ 37699943

Old Map No. TQ39

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Period-general modern Site type-general

Site Name Pillbox at Royal Ordnance Works, Enfield Naked Hall Mills

*Description*

Between the Ramme Marsh Flood Relief Channel and the boundary fence of the Royal Ordnance Works there is a small piece of waste ground. On this land, beneath trees, stands a pillbox facing westwards across the river. It appears to be constructed of concrete blocks and, very strangely, has a peaked asbestos roof. However, the 10' wire perimeter fence prevents closer inspection of the site and thus neither the shape nor the roof construction can be verified. One photo of site. {1}

*Site and Artefact Types*

Site type pill box Form standing monument  
Period-specific 1939-1945 Material -

*Land classification*

On site waste ground	-	Date 1993
By site land boundary fence		Date 1993
open Fresh Water1	-	Date 1993

Area Status MOD Date

*Site Assessment*

Close inspection of the site is only possible via a boat from the river or scaling the 10' wire fence.

Visits:Name Date  
Nash, F, ECC 6:1993

*Sources:*

1 photo Location ECC  
Collection SMR  
Author Nash, F Date 6:1993  
one frame

Date of compilation or update: Nash, F Date 8:1993

County Essex District EPF Site No. 10071

Parish civil Waltham Abbey

NGR TQ 38139946 Old Map No. TQ39

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**Cross Reference** 10063

**Period-general** modern **Site type-general**

**Site Name** Observation Post at Royal Ordnance Works, Enf. Naked Hall Mills

*Description*

This observation post stands in the centre of the Royal Ordnance Works where Centre Way joins Black Ditch Road. Of the same pattern and construction as the O.P. at TQ 3772 9871 (SMR 10063) the number "O.P.20" is painted on the side. There is no telephone inside. Like the other O.P.'s on this site there is a head-high blast wall to the rear. One photo of site. {1}

*Site and Artefact Types*

**Site type** pill box **Form** standing monument  
**Period-specific** 1939-1945 **Material** -

**Completeness** 2 **Physical Condition** B **Source**

*Land classification*

**On site** verge - **Date** 1993

**By site** thoroughfare path **Date** 1993

**Area Status** MOD **Date**

**Visits:**  
**Name** Nash, F, ECC **Date** 6:1993

*Sources:*

1 photo **Location** ECC  
**Collection** SMR  
**Author** Nash, F **Date** 6:1993  
one frame

**Date of compilation or update:** Nash, F **Date** 8:1993

County Essex District EPF Site No. 10072

Parish civil Waltham Abbey

NGR TQ 37619947

Old Map No. TQ39

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**Cross Reference** 10063

**Period-general** modern **Site type-general**

**Site Name** Observation Post on island by Rammey Marsh Lock

*Description*

There is a small island by Rammey Marsh Lock between the River Lee Navigation Canal and the Rammey Marsh Flood Relief Channel. Close to the legs of an electricity pylon is one of the observation posts guarding the Royal Ordnance Works 50 yards across the river to the E. It is of the same pattern and construction as the O.P. at TQ 3772 9871 (SMR 10063). "O.P.21" is painted on the face of the blast wall but there is no telephone inside. One photo of site. {1}

*Site and Artefact Types*

**Site type** pill box **Form** standing monument  
**Period-specific** 1939-1945 **Material** -

**Completeness** 2 **Physical Condition** B **Source**

*Land classification*

**On site scrub** - **Date** 1993

**By site open Fresh Water1** - **Date** 1993

**Area Status** PTE **Date**

**Visits:**  
**Name** Nash, F, ECC **Date** 6:1993

*Sources:*

**1** photo **Location** ECC  
**Collection** SMR  
**Author** Nash, F **Date** 6:1993  
one frame

**Date of compilation or update:** Nash, F **Date** 8:1993

County Essex District EPF Site No. 10073

Parish civil Waltham Abbey

NGR TQ 37609967

Old Map No. TQ39

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Period-general modern Site type-general

Site Name Pillbox on island by Rammey Marsh Lock

*Description*

On the NE of the small island by Rammey Marsh Lock stands a hexagonal pillbox under trees. It is constructed of concrete blocks and, as protection for the Royal Ordnance Works, faces W. It is unusually tall, 8 feet, but otherwise is generally of the Type FW3/24 pattern. {1}  
There is some damage to the internal Y-shaped pillar. One photo of site. {2}

*Site and Artefact Types*

Site type pill box Form standing monument

Period-specific 1939-1945 Material -

Completeness 2 Physical Condition B Source

*Land classification*

On site Woodland - Date 1993

By site open Fresh Waterl - Date 1993

Area Status PTE Date

Visits:Name Date  
Nash, F, ECC 6:1993

*Sources:*

1 Illustration Location -  
Author Wills, H Date 1985  
Pillboxes p31

2 photo Location ECC  
Collection SMR  
Author Nash, F Date 6:1993  
one frame

Date of compilation or update: Nash, F Date 8:1993

County Essex District EPF Site No. 10074

Parish civil Waltham Abbey

NGR TQ 38399988 Old Map No. TQ39

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Period-general modern Site type-general

Site Name Pillbox (destroyed) at Royal Ordnance Works, Enf. Naked Hall Mill

*Description*

2500:1 map no. TQ 3899 dated 1973 (see source 1) shows a hexagonal building on the N boundary of the Royal Ordnance Works. It is of the correct dimensions for a pillbox and is logically positioned for defence of the site. {1}

The M25 motorway now runs immediately the other side of the perimeter fence with only Cobbins Brook to separate them. This river has clearly been straightened but the fence appears to be more or less in the original position. In the location shown on the map there are remains of a concrete base sticking out of the bank and a number of flettons lying around. A large concrete water storage tank has been sunk into the top of the bank and possibly stands on the original pillbox base. Two photos of site. {2}

*Site and Artefact Types*

Site type pill box Form cartographic  
Period-specific 1939-1945 Material -

Completeness 6 Physical Condition Source

*Land classification*

On site scrub - Date 1993  
By site land boundary fence Date 1993  
open Fresh Waterl - Date 1993

Area Status MOD Date

Visits:Name Date  
Nash, F, ECC 7:1993

*Sources:*

1 map Location ECC  
Collection Reprographics Dept  
Author - Date 1973

2 photo Location ECC  
Collection SMR  
Author Nash, F Date 7:1993  
two frames

Date of compilation or update: Nash, F Date 8:1993



LIST

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PROPOSED PERIOD PLANS FOR WALTHAM ABBEY SOUTH SITE

PHASE 1 ~~ELEVATION~~ AND INTERIM REPORT

EVALUATION

PERIOD	DATE	SHORT DESCRIPTION	AREA COVERED
1	Pre 1885	Farm and Magazine - <i>see Copy OS. 1887 None</i>	<del>North of Black Ditch</del>
2	1885 - 1890	New Gun Cotton Factory <i>1x A0</i>	North of Black Ditch <i>A1</i>
3	1890's	New Nitro-glycerine Factory Cordite Mk. 1 Factory <i>1x A0</i> Tramways for above (stage 1)	North of Black Ditch <i>A1</i>
4 + 5	1900 - 1914 1914 - 1918	Cordite M.D. Tray Stores <i>2x A0</i> Waterways (Stage 1) 1st W.W development Tramways & Waterways (Stage 2)	<del>Full Site</del> <i>AO x 2</i> <i>Period 5</i> <del>1914/1918</del> shown as different colour
6	1918 - 1939	Inter War Period - discussion only <i>RDX</i>	<del>None</del> <i>1x A4</i>
7	1939 - 1945	<del>RDX Hill Topographic Survey</del> <i>1x A4</i>	<del>A4 Extract</del> <i>A0 x 2</i>
7	<del>1945 - 1990</del>	<del>Final Site Development to 1990 closure</del>	<del>Full Site</del> <i>2x A0</i>
8	1945 - 1991	Post War Pilot Plants and Research & Development a) Project I b) Project II c) Project III d) Ballistic Assessment	A4 Extracts x <i>43</i> <i>A3 Extract x 1</i>